Author Index

Aadnoy, Bernt Sigve, 305
Allen, D. R., 125
Almubarak, Nabil, 289
Alpi, Ersen, 233
Al-Bassam, Moayed Yusif, 369
Al-Salem, Mouhammed, 233
Awasthi, S. K., 355
Baris, Ş., 245
Caenn, Ryan, 233
Chang, Martin, 291
Chilingarian, George V., 99, 125, 153, 233, 255, 261, 277, 289, 369, 381
Dhirendra, 355
Dinçer, S., 245
Dorovi, Ronald J., 233
Fertl, Walter H., 77, 277, 381
Funk, Edward H., 177
Gollahalli, S. R., 43
Gonzales, Sue, 233
Hassanein, Saad A., 87
Kantele, O., 139
Landau, Ralph, 67
Mathur, R. M., 233
Mohseni, Ahmad A., 289
Pandey, G. N., 355
Phillips, Colin R., 1
Plichta, Edward J., 67
Poirier, M. A., 23, 217
Poon, Yin C., 1
Raunemaa, T., 139
Razavi, Javad, 289
Reponen, A., 139
Sadeghi, Mohammed-Ali, 99
Sahay, Bhagwan, 331
Samela, J., 139
Sasaki, Akio, 193
Sawabini, C. T., 125
Sawatzky, 217
Sharma, S. M., 153
Smiley, G. T., 23
Tomkus, Reginald P. T., 67
Tsao, George T., 291
Uri, Noel D., 87
Uslu, Saffet, 233
Vajpeyi, Meenakshi, 355
Vorabutr, Paul A., 289
Yen, Teh Fu, 77, 99, 125, 153, 233, 255, 261, 277, 289, 369, 381
Zadeh, G. K., 43
Zhang, Chum Yang, 369

Article Index

Adding Process Residues on the Physical Properties and Composition of Asphalt Cements, Effect of, 217
Carbonate Reservoir Rocks, No. 3: Fractures, Notes on, 261
Carbonate Reservoir Rocks, No. 4: Determination of Permeability of Carbonate Rocks from Thin-Section Analysis, Notes on, 369
Compressibility of Unconsolidated Oil-Producing Sands and Subsidence, 125
Conversion of Spent Sulfite Liquor into Chromium Lignosulfonates and Its Evaluation as a Drilling Fluid Additive, 153
Drilling Fluid Evaluation Using Yield Point–Plastic Viscosity Correlation, 233
Flame Structure of Attached and Lifted Jet Flames of Low-Calorific-Value Gases, 43
Gasification of Two Indian Low-Rank Coals, Studies on, 355
Genesis and Synthesis of Petroleum Hydrocarbons, 291
Geologging in Oil and Gas Exploration, 331
Geological Reaction Time on Transformation Temperature in Zeolitic Diagenesis, Effect of, 193
Internal Energies of Combustion of Samples of Sewage Sludge, 67
Modeling the High-Frequency Demand for Energy, A Note on, 87
Nonvolatile Bituminous Residues and Coal Materials by Pyrolysis Gas Chromatography, Comparison of, 23
Organic Carbon Content and Source Rock Identification Based on Geophysical Well Logs, 381
Permeability of Sandstones from Thin-Sections, Determination of, 255
Potassium Permanganate as an Oxidizing Agent in the Production of Lignite-based Fertilizers, Effect of, 245
Prediction of Abnormal Formation Pressures from Salinity of Solutions Obtained on Leaching Shale Cuttings, Short Notes:, 289
Radium Containing Sediments from Nitric Acid Leach Liquors of Uranium Ore, 1
Short-Rotation Willow, Analysis of, 139
Subsidence and Subsidence-Prone Areas, New Method of Predicting, 77
Thermodynamic Analysis of Separation Processes for Athabasca Tar Sands, 177

Transversal Vibration in Stabilized Drilling Assemblies, 305
True Static Formation Temperature from Well Logs, Determination of, 277
X-Ray Diffraction of Asphaltenes, 99
Book Reviews, 79, 441

Contents

Radium-Containing Sediments from Nitric Acid Leach Liquors of Uranium Ore
Yiu C. Poon and Colin R. Phillips 1

Comparison of Nonvolatile Bituminous Residues and Coal Materials by Pyrolysis Gas Chromatography
M. A. Poirier and G. T. Smiley 23

Flame Structure of Attached and Lifted Jet Flames of Low-Calorific-Value Gases
S. R. Gollahalli and G. K. Zadeh 43

Internal Energies of Combustion of Samples of Sewage Sludge
Reginald P. T. Tomkins, Ralph Landau, and Edward J. Plichta 67

New Method of Predicting Subsidence and Subsidence-Prone Areas
George V. Chilingarian, Teh Fu Yen, and Walter H. Fertl 77

Book Reviews 79

A Note on Modeling the High-Frequency Demand for Energy
Noel D. Uri and Saad A. Hassanein 87

X-Ray Diffraction of Asphaltenes
Mohammad-Ali Sadeghi, George V. Chilingarian, and Teh Fu Yen 99

Compressibility of Unconsolidated Oil-Producing Sands and Subsidence
C. T. Sawabini, George V. Chilingarian, D. R. Allen, and Teh Fu Yen 125

Analysis of Short-Rotation Willow
T. Raunemaa, J. Samela, O. Kantele, and A. Reponen 139

Conversion of Spent Sulfite Liquor into Chromium Lignosulfonates and Its Evaluation as a Drilling Fluid Additive
S. M. Sharma, Teh Fu Yen, and George V. Chilingarian 153

Thermodynamic Analysis of Separation Processes for Athabasca Tar Sands
Edward W. Funk 177

Effect of Geological Reaction Time on Transformation Temperature in Zeolitic Diagenesis
Akio Sasaki 193

Effect of Adding Process Residues on the Physical Properties and Composition of Asphalt Cements
M. A. Poirier and H. Sawatzky 217

Drilling Fluid Evaluation Using Yield Point–Plastic Viscosity Correlation
George V. Chilingarian, Ersen Alp, Ryan Caenn, Mouhammed Al-Salem, Saffet Uslu, Sue Gonzales, Ronald J. Dorovi, R. M. Mathur, and Teh Fu Yen 233

Effect of Potassium Permanganate as an Oxidizing Agent in the Production of Lignite-Based Fertilizers
S. Bariş and S. Dinçer 245

Determination of Permeability of Sandstones from Thin-Sections
George V. Chilingarian and Teh Fu Yen 255

Notes on Carbonate Reservoir Rocks, No. 3: Fractures
George V. Chilingarian and Teh Fu Yen 261

Determination of True Static Formation Temperature from Well Logs
Walter H. Fertl, George V. Chilingarian, and Teh Fu Yen 277

Short Notes: Prediction of Abnormal Formation Pressures from Salinity of Solutions Obtained on Leaching Shale Cuttings
Paul A. Vorabutr, Nabil Almubarak, Javad Razavi, Ahmad A. Mohseni, George V. Chilingarian, and Teh Fu Yen 289

Genesis and Synthesis of Petroleum Hydrocarbons
Martin Chang and George T. Tsao 291

Transversal Vibrations in Stabilized Drilling Assemblies
Bernt Sigve Aadnoy 305

Geologging in Oil and Gas Exploration
Bhagwan Sahay 331

Studies on Gasification of Two Indian Low-Rank Coals
Meenakshi Vajpeyi, Dhirendra, S. K. Awasthi, and G. N. Pandey 355

Notes on Carbonate Reservoir Rocks, No. 4: Determination of Permeability of Carbonate Rocks from Thin-Section Analysis
George V. Chilingarian, Chum Yang Zhang, Moayed Yusif Al-Bassam, and Teh Fu Yen 369

Organic Carbon Content and Source Rock Identification Based on Geophysical Well Logs
Walter H. Fertl, George V. Chilingarian, and Teh Fu Yen 381

Book Reviews 441